MAR: 1 1 2005

PTO/SB/08a (08-03)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.:	FILING DATE:
10/658,032	September 9, 2003
APPLICANT:	ART UNIT:
Male et al.	3752
EXAMINER NAME:	ATTY. DOCKET NO.:
Bui, Thach H. Seth barney	859/US/3

(Use as many sheets as necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	PATENT NUMBER Number – Kind Code ² (if known)	ISSUE DATE MM-DD-YYYY	Name of Patentee of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SA	1.	4,568,216	02/1986	Mizusawa et al.	
SL	2.	4,707,770	11/1987	Van Duyn	
sz.	3.	4,722,029	01/1988	Ahle et al.	
CB	4.	4,959,758	09/1990	Filosa et al.	
SB	5.	4,975,123	12/1990	Gray	
SB	6.	5,107,406	04/1992	Sekido et al.	
56	7.	5,143,123	09/1992	Richards et al.	
5 B	8.	5,215,338	06/1993	Kimura et al.	
	9.	5,667,148	09/1997	Pimentel et al.	
54	10.	D406,636	03/1999	Male et al.	
SB	11.	6,199,729	03/2001	Drzymkowski	
SB	12.	D440,641	04/2001	Hollinshead et al.	
2 B	13.	6,629,651	10/2003	Male et al.	

FOREIGN PATENT DOCUMENTS							
Ī	EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER	PUBLICATION DATE	Name of PATENTEE or Applicant of Cited	Pages, Columns, Lines, Where Relevant	T ⁴
			Country Code ² – Number ⁴ – Kind Code ³ (if known)	MM-DD-YYYY	Document	Passages or Relevant Figures Appear	
	SB	14.	DE854100	10/1952	Grassl Ludwig DiplIng. DrIng.		
L							

		OTHER PRIOR ART - NON PATENT	LITERATURE DOCUMENTS	
INITIALS No. ⁴ item		Include name of Author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T³
EXAMINER	Ped	2 Says	DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next

communication to applicants.

Applicant's unique classico number (optional).

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Impenses patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English anguage Translation is attached.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

communication to appute

Applicate's unique citation number (optional).

Applicate is to place a check mark here if English hanguage Translation is attached.